

THE EBER HYDE MOLLUSK COLLECTION

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ABSTRACT

Remnants of the Eber Hyde collection of terrestrial and freshwater mollusks have recently come to light in the Department of Geology collections, Case Western Reserve University. Collected during the latter part of the nineteenth century, much of the material is from Ohio, particularly Fairfield and Scioto counties. Other specimens occur from various localities in

the eastern United States, though many of these were presumably acquired by trade. The Hyde Collection provides documentation of several new county records for Ohio, and topotypes of *Pleurocera labiatum* Lea permit the resolution of the question of that species' identity. It is here considered a junior subjective synonym of *P. acutum* Rafinesque.

INTRODUCTION

Eber Hyde is remembered chiefly as the father of geologist and paleontologist Jesse Earl Hyde (1884-1936). Although the senior Hyde never published, father and son together formed an outstanding collection of Mississippian and Pennsylvanian invertebrates from Ohio. Following the death of J.E. Hyde in 1936, this valuable collection became scattered and much of it was lost, mixed, or dissociated from its labels. Remnants of the Hyde paleontological collection exist at Orton Museum, Columbus, in the Cleveland Museum of Natural History collections, and in the collections of the Department of Geology, Case Western Reserve University.

In the course of moving collections of the Department of Geology from one building to another, several drawers of Recent Mollusca were discovered, many bearing labels in the handwriting of Eber Hyde. Unfortunately, the specimens in open trays had been badly jumbled during previous moves, so that many specimens could not be associated with their proper labels. A considerable portion of the collection was

stored in boxes, however, so that Hyde's identifications and provenience data are available. Associated botanical and insect specimens suggest that Hyde possessed a general interest in 'natural history,' but only the molluscan material bears labels.

The shell collection is small, consisting of 76 lots, with a total of 1632 specimens. The collection is of some value, however, in establishing Ohio county records and in providing material from localities that no longer sustain extensive molluscan populations. It is curious that no freshwater bivalves, with the exception of a few specimens of *Sphaerium*, occur in the Hyde collection. Possibly Hyde simply did not collect freshwater naiads; more likely, his naiad collection was segregated, then lost or discarded, or lies tucked away in some museum.

Eber Hyde never published on the mollusks, and his interest in this particular field does not seem to have been shared by his son. One brief note on the label of '*Pleurocera neglecta*' is of interest, indicating that Eber Hyde was a rather assiduous collector and that only a portion of

his collection remains extant. Hyde notes that 'Lea called /sic/ this *P. labiata* and Tryon endorses him. I collected hundreds of these for Anthony and he always called /sic/ them neglecta.' Only two specimens accompany this label; as these shells are from the type locality of *P. labiatum* ('Great Miami River Dayton O'), *P. labiatum* may be relegated to the synonymy of *P. acutum* Rafinesque or possibly its variety *tracta*.

Another label, unfortunately unaccompanied by any specimens whatsoever, indicates that Hyde was not an unconscionable 'splitter': 'Vivipara viviparis Say. Wabash River Ind. Some say differs /sic/ from coniectoides but I cant see it.' Most of Hyde's identifications seem accurate and suggest that he was a careful student of the Mollusca. One peculiar lapse is his labelling of specimens of *Stagnicola palustris elodes* as *Limnaea elodes* Say. No species of this name has been noted in the literature and, as Hyde's handwriting is in this instance quite legible, *elodes* must be considered a *lapsus calami* or perhaps simply a copying error.

Extant molluscan material in the Hyde collection is being transferred to Orton Museum, Ohio State University. This material is listed below. Hyde's identifications are listed (in parentheses) only when there is a significant difference between his species determination and that of the author. Locality data and notes are copied *ad litteram*, preserving Hyde's peculiar orthography—he rarely used double letters, even in species names, thus '*Mesodon pensylvanicus*'—and his inordinate use of capital letters. In the following list, asterisks denote new county records for Ohio, i.e. county occurrences not included in Taft (1961) or La Rocque (1966-1970).

TERRESTRIAL GASTROPODS

<i>Glyptostoma newberryanum</i> (Binney)	2	<i>S. hirsutum</i> (Say). Ohio	43
California		<i>S. monodon</i> (Rackett). Vermont	11
<i>Polygyra cereolus</i> (Mühlfeld)	1	<i>Mesodon thyroideus</i> Say. Louisiana	4
(<i>Polygyra septemvolva</i> Say). Florida		<i>M. thyroideus</i> Say. Rushville, Ohio	6
<i>P. septemvolva</i> Say. Florida	11	<i>M. clausus</i> (Say). Chattanooga, Tenn.	6
<i>P. septemvolva volvox</i> (Pfeiffer)	5	* <i>M. mitchellianus</i> (Lea). Newark,	11
Mobile, Alabama		/Licking Co./, Ohio	
<i>P. texasiana texasiana</i> Pilsbry	6	<i>M. pennsylvanicus</i> Green. Scioto	5
Fort Worth, Texas		Co., Ohio	
<i>P. fatigiata</i> Say. Tennessee	3	<i>M. appressus</i> (Say). Chattanooga, Tenn.	12
<i>Stenotrema stenotrema</i> (Pfeiffer)	6	<i>M. appressus</i> (Say). W.V.	1
Tennessee		<i>M. soyanus</i> (Pilsbry). West Virginia	4
		(<i>Mesodon sayii</i> Binney)	
		<i>M. inflectus</i> (Say). Ohio	35
		<i>Triodopsis tridentata</i> Say. Fairfield	13
		Co. Ohio. Rushville	
		<i>T. tridentata</i> Say. Vermont	3
		<i>T. denotata</i> (Férussac). Vermont	3
		(<i>Triodopsis palliata</i> Say)	
		* <i>T. denotata</i> (Férussac). Fairfield	10
		Co. Ohio	
		(<i>Triodopsis palliata</i> (Say)	
		<i>T. albolabris</i> Say. Fairfield Co., Ohio	4
		<i>T. multilineata</i> (Say). Lancaster, Ohio	8
		* <i>Allogona profunda efasciata</i> Walker.	1
		Fairfield Co., Ohio	
		<i>Bulimulus dealbatus</i> (Say)	8
		Nashville, Tenn.	
		<i>Bulimulus dealbatus mooreanus</i> (Pfeiffer)	7
		Ft Worth, Texas	
		<i>Euglandina rosea</i> (Férussac)	1
		Mobile, Ala.	
		(<i>Glandina turris</i> Pfeiffer?)	
		<i>E. rosea bullata</i> Gould. Mobile, Ala.	2
		<i>Haplotrema concavum</i> (Say)	16
		Fairfield Co., Ohio	
		<i>Retinella indentata</i> (Say). Columbus,	3
		('Look sharp for these I want some')	
		<i>Gastrodonta interna</i> (Say). Burning	14
		Springs W Va /Wirt Co./	
		<i>Ventridens demissus</i> (Binney).	27
		Mobile, Ala.	
		<i>V. demissus</i> (Binney). Fairfield and	105
		Perry Cos., Ohio	
		<i>V. ligera</i> (Say). Scioto and Fairfield	34
		Cos., Ohio	
		<i>V. intertextus</i> (Binney). Ohio	4
		<i>Zonitoides arboreus</i> (Say). Tenn.	191
		<i>Z. arboreus</i> (Say). Fairfield Co., Ohio	1
		* <i>Z. limatulus</i> (Binney). Scioto Co.,	116
		Ohio	
		<i>Anguispira alternata</i> Say. Fairfield	8
		Co., Ohio	
		<i>A. kochi</i> (Pfeiffer). Fairfield Co.,	4
		Ohio	
		<i>Discus cronkhitei</i> (Newcomb). Fairfield	81
		Co., Ohio Berne Station	
		(<i>Patula striatella</i> Anth.)	
		<i>D. patulus</i> (Deshayes). Fairfield	99
		Co., Ohio	
		* <i>Succinea ovalis</i> Say. Rushville, /Fair-	62
		field Co./ Ohio	

* <i>Gastrocopta armifera</i> (Say). Fairfield Co., Ohio	110	<i>S. reflexa?</i> (Say). Columbus, Ohio	1
* <i>G. procera</i> (Gould). Scioto Co., Ohio	2	<i>S. umbrosa</i> (Say). Near Lancaster, /Fairfield Co./	14
* <i>Pupoides albilabris</i> (C. B. Adams) Fairfield Co., Ohio	1	<i>S. umbrosa</i> (Say). Columbus, Ohio	6
<i>Cionella lubrica</i> (Müller). Vermont and Ohio	35	<i>Helisoma anceps</i> (Menke). Rush-creek Ohio /Fairfield Co./	12
(<i>Coniella subcylindrica</i> Lin)		(<i>Planorbis bicarinatus</i> Say)	
<i>Helicina orbiculata tropica</i> Pfeiffer Texas	23	<i>H. trivolvis</i> (Say). Vermont	11
		<i>H. trivolvis</i> (Say). Sharon, Penna.	7
		<i>Physa gyrina</i> Say. Neely's spring, Rushville Ohio	63

AQUATIC GASTROPODS

<i>Valvata bicarinata</i> Lea. Little Lakes, N. Y.	3	* <i>P. heterostropha</i> Say. Coll. near Lancaster /Fairfield Co./	13
<i>Lioplax subcarinata</i> (Say). Ohio River Cin Ohio /topotypes/	15	<i>P. heterostropha</i> Say. Ohio	14
<i>Campeloma decisum</i> (Say). Vermont	2	<i>P. heterostropha</i> Say. Vermont	12
(<i>Melantho ponderosa</i> Say)		(<i>Physa ancillaria</i> Say)	
<i>C. decisum</i> (Say). Sharon /Shenango/ R., Penn.	3		
(<i>Melantho ponderosa</i> Say)			
<i>C. decisum fecunda</i> (Lewis). Canal. Columbus O. /Franklin Co./	6		
<i>C. ponderosum</i> (Say). Sharon /Shenango/ R. Penn.	2		
<i>C. ponderosum</i> (Say). Ohio riv. Cin. Ohio	2		
* <i>Pomatiopsis lapidaria</i> (Say). Fairfield Co. /A few specimens may represent <i>P. cincinnatiensis</i> (Lea)/.	78		
<i>Pleurocera acutum</i> Rafinesque. Great Miami River. Dayton	2		
(<i>Pleurocera neglecta</i> Anthony) /Topotypes of <i>P. labiata</i> Lea/.			
<i>P. canaliculatum</i> (Say). Little Kanawha W. Virg.	5		
(<i>Goniobasis</i>)			
<i>Goniobasis livescens</i> (Menke) Scioto Riv Columbus O	19		
(<i>Goniobasis depygis</i> Say)			
<i>Nitocris trilineata</i> (Say) Ohio River	92		
(<i>Anculosa praerosa</i> Say) /Immature? revolving color bands lacking./			
* <i>Stagnicola caperata</i> (Say). Scioto Co Ohio.	69		
<i>S. catascopium</i> (Say). Hudson River, Hudson, N.Y.	5		
<i>S. palustris elodes</i> (Say). Vermont.	4		
(<i>Limnea clodes</i> Say)			
<i>S. palustris elodes</i> (Say). Near Lancaster /Fairfield Co./	1		

PELECYPODS

* <i>Sphaerium occidentale</i> (Prime). Coll. near Lancaster, Fairfield Co.	3
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